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15361
10/809728
U.S.PTO

032404

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|-------------------------|--|
| Attorney Docket No.: | CM01524LD01 |
| First Inventor: | SIVAKUMAR MUTHUSWAMY |
| Title: | FUEL CELL USING NON-LINEAR POSITIVE TEMPERATURE COEFFICIENT MATERIAL |
| Express Mail Label No.: | EL 962737237 US |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

| | | | |
|--|--|--|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form in duplicate (Submit an original and a duplicate for fee processing) | | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) | |
| 2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 | | 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence (if applicable, all necessary) | |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 11] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (<i>if filed</i>) -Detailed Description -Claim(s) -Abstract of the Disclosure | | a. <input type="checkbox"/> Computer Readable Form (CFR) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); ii. <input type="checkbox"/> or paper c. <input type="checkbox"/> Statements verifying identify of above copies | |
| ACCOMPANYING APPLICATION PARTS | | | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 4] | | 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) | |
| 5. Oath or Declaration [Total Pages 4] | | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney | |
| a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/ divisional with Box 18 completed) | | 11. <input type="checkbox"/> English Translation Document (if applicable) | |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | | 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations | |
| 6. <input checked="" type="checkbox"/> Application Data Sheet under 37 CFR 1.76 | | 13. <input type="checkbox"/> Preliminary Amendment | |
| 18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in- Part (CIP) of Prior Appl. No. 09/999,387 Prior Appl. information: Examiner: RUTHKOSKY, MARK Group/Art Unit: 1745 | | | |

19. CORRESPONDENCE ADDRESS

| | | |
|---|-------------------|--|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | *24273* | <input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below |
| Name | | |
| Address | | |
| City | State | Zip Code |
| Country | U.S.A. | Telephone (954) 723-6449 Fax (954) 723-5599 |
| Name | Randi L. Karpinia | Registration Number (Attorney/Agent) 46,148 |
| SIGNATURE | Date 3/24/04 | |

**FEE TRANSMITTAL
for FY 2004**

Patent fees are subject to annual revision

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 770.00)

Complete if Known

Application No.

Filing Date

First Named Inventor MUTHUSWAMY, SIVAKUMAR

Examiner Name

Group Art Unit

Attorney Docket No. CM01524LD01

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account

Deposit Account Number

50-2117
Motorola, Inc.

The Commissioner is hereby authorized to: (check all that apply)
 Charge fee(s) indicated below Credit any overpayment
 Charge any additional fee(s) during the pendency of this application,
except issue fee
 Charge fee(s) indicated below, except for the filing fee
to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity |
|--------------|--------------|
|--------------|--------------|

| Fee | Fee | Fee | Fee | Fee Description | Fee Paid |
|---------------------|-----|------|-----|------------------------|----------|
| Code | \$ | Code | \$ | | |
| 1001 | 770 | 2001 | 370 | Utility filing fee | 770 |
| 1006 | 770 | 2006 | 370 | Utility filing fee CPA | |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1007 | 330 | 2007 | 165 | Design filing fee CPA | |
| 1003 | 510 | 2003 | 255 | Plant filing fee | |
| 1004 | 750 | 2004 | 370 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | (\$ 770) | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | Fee from below | Fee Paid |
|--------------------|---|--------------|-------------------|----------|
| Total Claims | 5 | -20* | x 18 | = |
| Independent | | | | |
| Claims | 1 | -3* | x 86 | = |
| Multiple Dependent | | | 280 | |

| Large Entity | Small Entity |
|--------------|--------------|
|--------------|--------------|

| Fee | Fee | Fee | Fee | Fee Description |
|---------------------|-----|------|-----|--|
| Code | \$ | Code | \$ | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | | | (\$) |

**or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|----------------------------|--------------|-----------------|----------|
| Fee | Fee | Fee | Fee |
| Code | \$ | Code | \$ |
| 1051 | 130 | 2051 | 65 |
| 1052 | 50 | 2052 | 25 |
| 1053 | 130 | 1053 | 130 |
| 1812 | 2520 | 1812 | 2520 |
| 1804 | 920* | 1804 | 920* |
| 1805 | 1840* | 1805 | 1840* |
| 1251 | 110 | 2251 | 55 |
| 1252 | 410 | 2252 | 200 |
| 1253 | 930 | 2253 | 460 |
| 1254 | 1450 | 2254 | 720 |
| 1255 | 1970 | 2255 | 980 |
| 1401 | 320 | 2401 | 160 |
| 1402 | 320 | 2402 | 160 |
| 1504 | | 1504 | |
| 1403 | 280 | 2403 | 140 |
| 1505 | 300 | 1505 | 300 |
| 1451 | 1510 | 1451 | 1510 |
| 1452 | 110 | 2452 | 55 |
| 1453 | 1300 | 2453 | 640 |
| 1501 | 1300 | 2501 | 640 |
| 1502 | 470 | 2502 | 230 |
| 1503 | 630 | 2503 | 310 |
| 1460 | 130 | 1460 | 50 |
| 1808 | 130 | 1808 | 130 |
| 1807 | 50 | 1807 | 50 |
| 1806 | 180 | 1806 | 180 |
| 8021 | 40 | 8021 | 40 |
| 1809 | 750 | 2809 | 370 |
| 1810 | 750 | 2810 | 370 |
| 1801 | 750 | 2801 | 370 |
| 1802 | 900 | 1802 | 900 |
| 1814 | 110 | 2814 | 55 |
| Other fee (specify) | | | |

*Reduced by Basic Filing Fee Pd

SUBTOTAL (3) \$

SUBMITTED BY

Name (Print) Bandi L. Karpinia

Signature

Complete (if applicable)

Registration No. (Attorney/Agent) 46,148

Telephone: (954) 723-6449

Date 3/24/04

PATENT

DOCKET NO.: CM01524LD01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

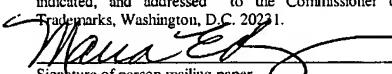
DIVISIONAL OF APPLICATION NO.: 09/999,387
PRIOR APPLICATION FILED: 10/31/2001
PRIOR EXAMINING GROUP: 1745
PRIOR EXAMINER: RUTHKOSKY, MARK
APPLICANT(S): SIVAKUMAR MUTHUSWAMY ET AL.
TITLE: FUEL CELL USING NON-LINEAR POSITIVE TEMPERATURE
COEFFICIENT MATERIAL

CERTIFICATE OF EXPRESS MAILING

Date of Deposit: 3/24/04

Express Mail No.: EL 962737237 US

I HEREBY CERTIFY that this paper is being deposited with the United States Postal System, as POST OFFICE TO ADDRESSEE Express Mail, with sufficient postage thereon, on the date above indicated, and addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.


Signature of person mailing paper

Maria E. Rodriguez
Printed name of person mailing paper

NOTIFICATION OF FILING OF DIVISIONAL APPLICATION

Mail Stop: Divisional Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

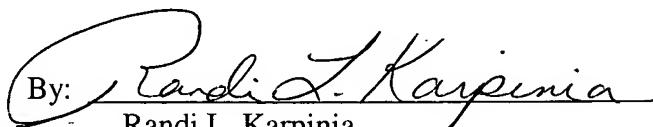
Notification is hereby being made of the filing of a:

continuation application
 continuation-in-part application
 divisional application

for this case

concurrently herewith
 on _____

Respectfully submitted,


By: Randi L. Karpinia

Randi L. Karpinia

Attorney of Record

Reg. No.: 46,148

Telephone: (954) 723-6449

Fax No.: (954) 723-5599

SEND CORRESPONDENCE TO:

Customer No. 24273